

d) hydrazine hydrate; and
B) contacting a substrate with the plating composition [solution] for a sufficient time and under conditions sufficient to plate a metallic platinum-rhodium alloy onto the substrate.

23. (Amended) The process of claim 11 wherein the substrate comprises a [ceramics] ceramic.

Please cancel claim 24.

CLEAN AMENDED CLAIMS

a¹ 7. The composition of claim 4 wherein the diamminebis(nitrito-N,N) platinum (II) is present in an amount ranging from about 0.01 to about 450 g/L.

8. (Amended) The composition of claim 5 wherein the triamminetris(nitrito-N,N,N)rhodium(III) is present in an amount ranging from about 0.01 to about 320 g/L.

a² 11. A process for plating a substrate comprising:

A) providing a plating composition comprising an aqueous solution comprising:

- a) a water soluble, platinum nitrite salt or platinum ammine-nitrite salt;
- b) a water soluble rhodium nitrite salt or rhodium ammine-nitrite salt;
- c) ammonium hydroxide; and
- d) hydrazine hydrate; and

B) contacting a substrate with the plating composition for a sufficient time and under conditions sufficient to plate a metallic platinum-rhodium alloy onto the substrate.

a³ 23. (Amended) The process of claim 11 wherein the substrate comprises a ceramic.

Please cancel claim ~~24~~.

REMARKS